

Minimum Effective Gap = 10.063

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 60

Regression Line Through Points = -----

Dimensions in mm

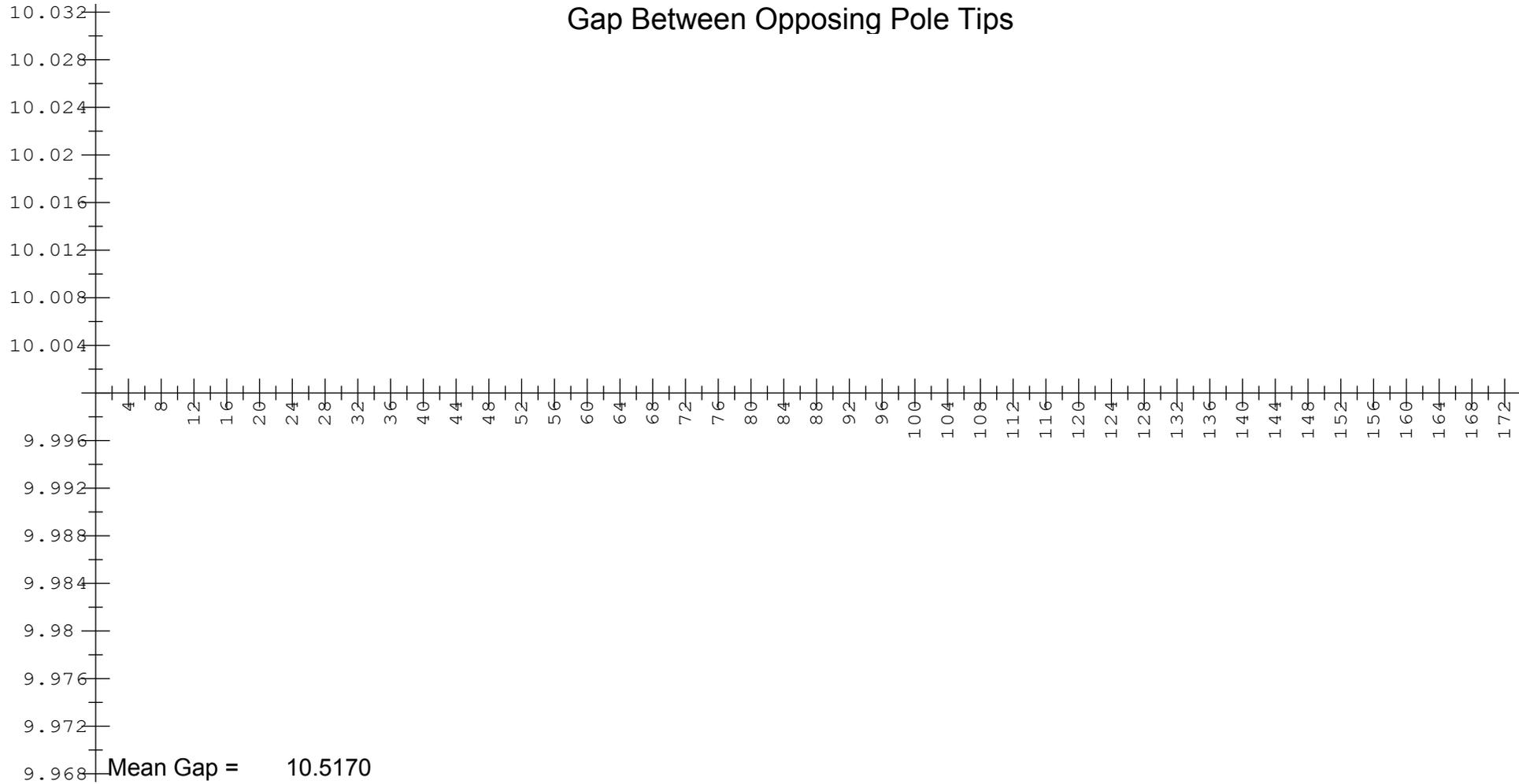


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
 S/N = 001
 D/S = 0007
 Run = 22

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 60

Dimensions in mm

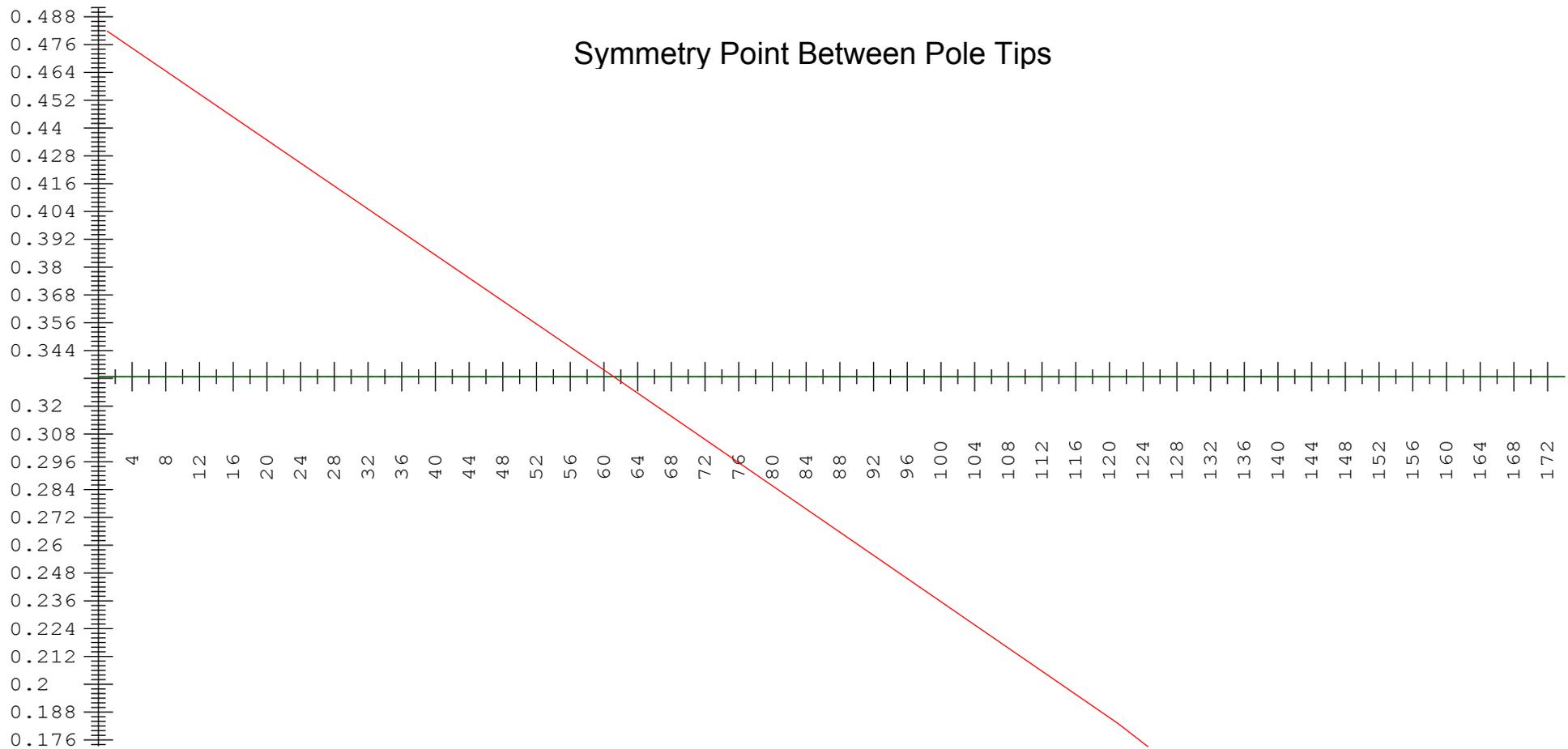


LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
 S/N = 001
 D/S = 0007
 Run = 22

Symmetry Point Between Pole Tips



Mean Symmetry Value = 0.3327

Step Between Measured Pole Tips = 60

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 10 Nominal Taper = 0.000
 Gap Reading = 0.0000 US Encoder = 0.0000 DS Encoder = 0.0000

31-JUL-2019
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 D/S = 0007
 Run = 22

Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
Top	5.7466	5.6473	5.3963	5.2944
Bottom	-4.7757	-4.8721	-5.1157	-5.2147
Gap	10.5223			10.5091
Taper				-0.0132

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
5.5912	-4.9258	10.5170	0.3327

Additional Calculated Values

Bottom Pole #1 Z Value	980.086
Top Jaw Pitch (mrad)	-0.134
Bottom Jaw Pitch(mrad)	-0.130
Minimum Effective Gap	10.063
Reference Block Gap	6.805

Dimensions in mm



LCLS II - SXR Undulator

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